

MAS Auction # 59

Incumbent Licenses Due Diligence

Disclaimer

Nothing herein is intended to supersede any provision of the Commission's rules or public notices. These slides should not be used as a substitute for a prospective applicant's review of the Commission's relevant orders, rules, and public notices. Prospective applicants must familiarize themselves thoroughly and remain current with the Commission's rules relating to Multiple Address Systems spectrum, rules relating to application and auction procedures, and the procedures, terms and conditions contained in the Auction No. 59 public notices.

Incumbent Licenses

- **Existing Part 101 and Part 22 licenses on the 928/959 MHz channels**
- **Part 101 Licenses Include:**
 - **Microwave Business Industrial Pool(MG Radio Service)**
 - **Microwave Public Safety Pool(MW Radio Service)**
- **Part 22 Licenses Include:**
 - **Paging and Radio Telephone(CD Radio Service)**

Incumbent Licenses

- **Existing Licenses on both 12.5 KHz and 25 KHz bandwidth channels(See Rule section 101.147 and 22.621 for channel plans of grandfathered stations)**
- **Point to Multi-point and Mobile Operations**
- **Typical uses include:**
 - **Paging Control Stations**
 - **SCADA**
 - **Mobile Meter Reading Systems**
 - **Alarm Monitoring**

Incumbent License Protection

- **EA licensees are required to protect incumbent operations (See Rule 101.1333)**
- **EA licensees are prohibited from exceeding a signal strength of 40dbuV/m at incumbent licensees 40.2Km(25 mile) radius composite contour (Rule 101.1333(c))**

**No Incumbent Licenses on the
932/941 MHz channels**

**Locating MAS Incumbents
Using the Universal Licensing
System(ULS)**

<http://wireless.fcc.gov/uls/>

Universal Licensing System

FCC > WTB > ULS [FCC Site Map](#)

Search:
[Advanced](#)



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ULS Online Systems

All applications are operating properly.

- REGISTER** **CORES/CALL SIGN** Obtain an FRN and associate it with your call signs and ASRs.
- FILE** **ONLINE FILING** Apply for a new license, renew, modify, transfer control and more.
[Filing Purposes](#) | [Batch Filing](#) | [Getting Started](#) | [Pay Fees](#)
- SEARCH** **LICENSES** Find licenses using the **enhanced** license search across all services.
 APPLICATIONS Find applications.
 ARCHIVES Find archived licenses.

Go to: [ASR](#) | [TOWAIR](#) | [Tower Construction Notification](#) | [Ownership](#)

Recent Releases

[All Releases](#) | [ULS Rulemakings](#) | [Weekly Public Notices](#)

2/2/2005
PUBLIC NOTICE (FCC 05-267)
[Public Demonstration of Redesigned Form 603 for Assignments of Authorization and Transfers of Control in the Universal Licensing System Will Take Place on February 16, 2005](#)
[pdf](#) - [Word](#)

2/1/2005
PUBLIC NOTICE (FCC 05-266)
[Public Demonstration and Training of the New FCC Form 602 Filing Interface in the Universal Licensing System Will Take Place on February 16, 2005](#)
[pdf](#) - [Word](#)

Alerts

[FCC Registration Number Required for ASR & ULS](#)
[More Alerts](#)

Downtime Schedule

No downtimes scheduled, with the exception of the Daily downtimes.
[Daily](#): 12 Midnight - 2 AM ET

Current Audits

[Paging](#)
2nd Letter Mailing in Progress

Technical & Licensing Support

[Dialup Connections](#)
[Getting Connected](#)
[New Users Guide](#)
[Smart Updates](#)
[More ULS Support Topics...](#)

System Access

Trouble accessing the system?
Contact [FCC Support](#).

Universal Licensing System

> [WTB](#) > [ULS](#) > [Online Systems](#) > License Search

[FCC Site Map](#)

License Search

[HELP](#)

ULS License Search enables you to search for a wide range of licenses in the Universal Licensing System. The License Search here provides access to most basic attributes of a license. You can also specify more attributes combinations with the [Advanced Search](#) and search within services like [Amateur](#) using service-specific criteria. Please be aware that some combinations of search criteria may result in a longer wait.

License Search

By Call Sign =

exact matches only

[Advanced License Search](#)

Advanced

Want to search for licenses of any radio service code based on combinations of general license attributes?

[Advanced License Search](#)

Advanced License Search includes:
Licensee State, ZIP, and Name
Expiration Dates (Grant, Last Action, etc)
License Status
Radio Service Code
and more...

[Geographic](#)

Service-Specific

Want to search within a service using criteria relevant to that specific service?

- [Aircraft](#)
- [Amateur](#)
Vanity Call Signs, Operator Class, and more!
- [Commercial/Restricted Permits](#)
Operator Class, COLEM, and more!
- [GMRS](#)
- [Ship](#)
MMSI#, Ship Name, and more!

Market-Based

Want to search for licenses in given markets?

- [Market Based](#)
Search by auction number, frequency range, markets, and more!

Universal Licensing System

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[FCC Site Map](#)

License Search

Advanced License Search

[? HELP](#)

[License Search Home](#)

*Please be aware that some combinations of search criteria may result in a longer wait.

Call Sign & Radio Services

Call Sign

Service Group

Match all radio services within this group

Match only the following radio service(s):

AA - Aviation Auxiliary Group
AB - Aural Microwave Booster
AC - Aircraft
AF - Aeronautical and Fixed
AI - Aural Intercity Relay

Licensee

Name

Licensee ID

FRN

City†

ZIP CODE:

†: Matches licensee mailing address, not transmit locations.

License Detail

Status Active Expired
 Canceled Terminated

Authorization Type Regular Developmental
 STA Demonstration

Dates

From to
(Date Format: MM/DD/YYYY)

Frequencies

Frequency Any Frequency
 Exact MHz
 Range MHz to MHz

Customize Your Results

Match Type All Matches Exact Matches Only

Results Display matches per page
sorted by in order

*Please be aware that some combinations of search criteria may result in a longer wait.

MAS auction license channels			ULS Frequency Search Criteria For Incumbents			
			Range 1		Range 2	
			Lower Band	Upper Band	Lower Band	Upper Band
Block AA	928.85625	959.85625	928.85	928.8625	959.85	959.8625
Block AB	928.86875	959.86875	928.8625	928.875	959.8625	959.875
Block AC	928.88125	959.88125	928.875	928.8875	959.875	959.8875
Block AD	928.89375	959.89375	928.8875	928.9	959.8875	959.9
Block AE	928.90625	959.90625	928.9	928.9125	959.9	959.9125
Block AF	928.91875	959.91875	928.9125	928.925	959.9125	959.925
Block AG	928.93125	959.93125	928.925	928.9375	959.925	959.9375
Block AH	928.94375	959.94375	928.9375	928.95	959.9375	959.95
Block AI	928.95625	959.95625	928.95	928.9625	959.95	959.9625
Block AJ	928.96875	959.96875	928.9625	928.975	959.9625	959.975
Block AK	928.98125	959.98125	928.975	928.9875	959.975	959.9875
Block AL	928.99375	959.99375	928.9875	929	959.9875	960

Universal Licensing System

> WTB > ULS > Online Systems > License Search

[FCC Site Map](#)

License Search

Geographic Search

[? HELP](#)

[License Search Home](#)

SUBMIT RESET

Specified Search

The following search criteria will be applied in addition to any information specified below.

Authorization Type Regular
Status Active
license view ind Y
Frequency Upper Band 928.85
Frequency Assigned 928.8625

[Modify Search Criteria](#)

Geographic Search Criteria

State/County

You may search on state, county, or both. Use the state list to filter the list of counties. Please be aware that searching on multiple states or counties may result in slower search results.

State(s)
South Dakota
Tennessee
Texas
United States Minor Islands

County(s)
TX-ANDERSON
TX-ANDREWS
TX-ANGELINA
TX-ARANSAS

Universal Licensing System

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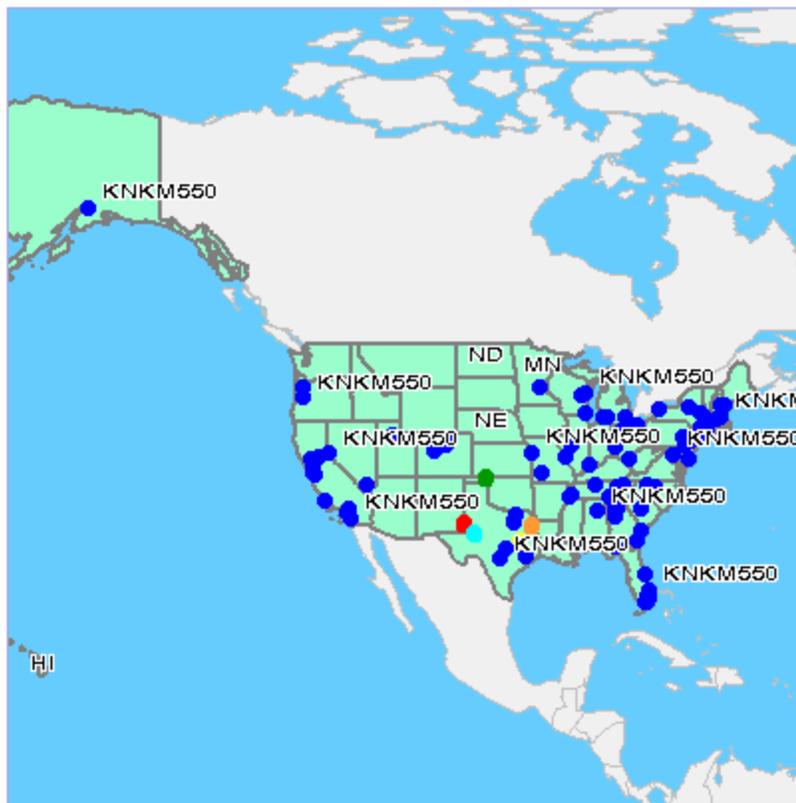
[FCC Site Map](#)

Result Set Mapping

ULS-GIS

[HELP](#)

[New Search](#) [Return to Results](#) [Printable Page](#)



Map Options

Layer Name	Legend Visible	Labeled
Streets	<input type="checkbox"/>	<input type="checkbox"/>
Counties	<input type="checkbox"/>	<input type="checkbox"/>
BTA	<input type="checkbox"/>	<input type="checkbox"/>
MTA	<input type="checkbox"/>	<input type="checkbox"/>
CMA	<input type="checkbox"/>	<input type="checkbox"/>
BEA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MEA	<input type="checkbox"/>	<input type="checkbox"/>
EAG	<input type="checkbox"/>	<input type="checkbox"/>
REA	<input type="checkbox"/>	<input type="checkbox"/>
VPC	<input type="checkbox"/>	<input type="checkbox"/>
RPC	<input type="checkbox"/>	<input type="checkbox"/>
USA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
World1	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Apply Cancel

Map Navigational Tools

Select the tool you wish to use, and click on the map.

- Zoom In
- Zoom Out
- Drill Down
- ReCenter

Map Width (meters):

[Enlarge Map](#)

Universal Licensing System

> [WTB](#) > [ULS](#) > [Online Systems](#) > ULS-GIS

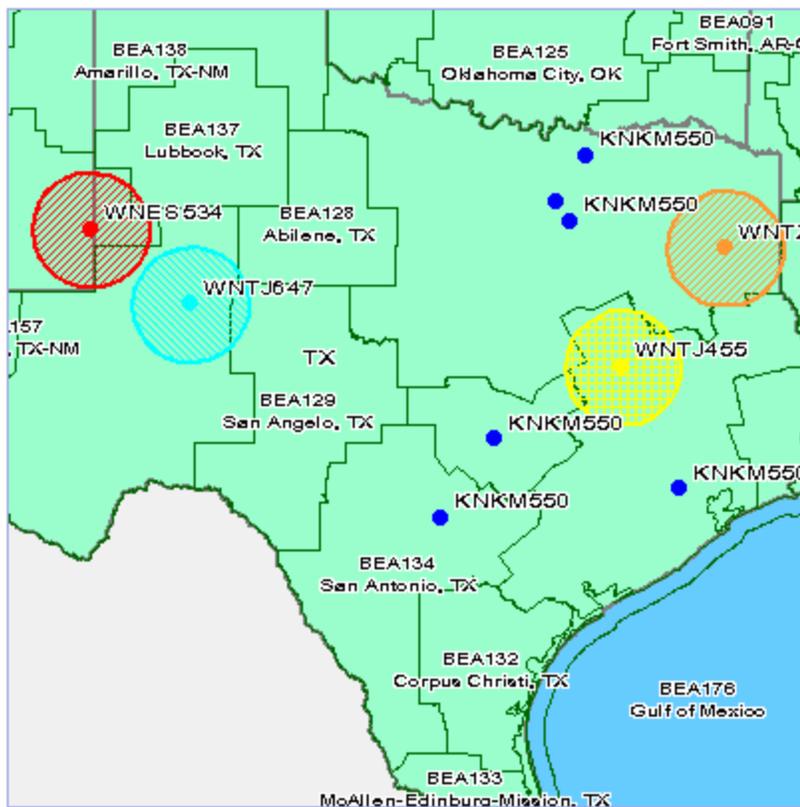
[FCC Site Map](#)

Result Set Mapping

ULS-GIS

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Map Options			
Layer Name	Legend	Visible	Labeled
Streets		<input type="checkbox"/>	<input type="checkbox"/>
Counties		<input type="checkbox"/>	<input type="checkbox"/>
BTA		<input type="checkbox"/>	<input type="checkbox"/>
MTA		<input type="checkbox"/>	<input type="checkbox"/>
CMA		<input type="checkbox"/>	<input type="checkbox"/>
BEA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MEA		<input type="checkbox"/>	<input type="checkbox"/>
EAG		<input type="checkbox"/>	<input type="checkbox"/>
REA		<input type="checkbox"/>	<input type="checkbox"/>
VPC		<input type="checkbox"/>	<input type="checkbox"/>
RPC		<input type="checkbox"/>	<input type="checkbox"/>
USA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
World1		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Apply Cancel

Map Navigational Tools

Select the tool you wish to use, and click on the map.

- Zoom In
- Zoom Out
- Drill Down
- ReCenter

Map Width (meters):

[Enlarge Map](#)



RPC	<input type="checkbox"/>	<input type="checkbox"/>
USA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
World1	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Apply Cancel

0 ————— 200,000
m

[Hide Data Table](#)

Data Table								
Drill To	Type	Call Sign	Status	Radio Service	License Name	Market Code	Sub Market	Channel Block
Detail	L	KNKM550	A	CD	SkyTel Corp.			
Detail	L	WNE5534	A	MG	TRINITY PIPELINE LP			
Detail	L	WNTA504	A	MG	ANR PIPELINE COMPANY			
Detail	L	WNTJ455	A	MG	Devon Gas Services, L.P.			
Detail	L	WNTJ647	A	MG	Duke Energy Field Services LP			
Detail	L	WNTZ704	A	MG	SOUTHWESTERN ELECTRIC POWER COMPANY dba AEPSC			

ULS Help	ULS Glossary - FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems	CORES/Call Sign Registration - ULS Online Filing - License Search - Application Search
About ULS	Privacy Statement - About ULS - ULS Home

Location of Technical Information in ULS

- **Paging and Radio Telephone Service
(CD Radio Service, Part 22)**
- **Location information, including city, state, latitude and longitude is located under the “Locations” tab**
- **Frequency information including assigned frequency, emissions, transmitter power is located under the “Frequencies” tab.**

Universal Licensing System

> [WTB](#) > [ULS](#) > [Online Systems](#) > License Search [FCC Site Map](#)

License Paging and Radiotelephone License - KNKM550 - SkyTel Corp. ? HEL

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MAIN		ADMIN		LOCATIONS		FREQUENCIES	
Call Sign	KNKM550	Radio Service	CD - Paging and Radiotelephone				
Status	Active	Auth Type	Regular				
Dates							
Grant	08/19/1999	Expiration	04/01/2009				
Effective	07/13/2004	Cancellation					
Control Points							
1	188 EAST CAPITOL STREET STE 1450, JACKSON, MS						
2	5424 WARNER ROAD, VALLEY VIEW, OH						
3	DEER PATH HILL, 3 M NE OF, READING, PA						
All Control Points (12)							
Licensee							
Licensee ID	L00127716	FRN	0001744465	Type	Corporation		
SGIN	000		(View Ownership)				
Licensee							
SkyTel Corp. 500 Clinton Center Drive Clinton, MS 39056 ATTN Bruce Deer				P:(601)460-3890 F:(601)460-3889 E:bruce.deer@mci.com			

Locations Summary

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MAIN ADMIN **LOCATIONS** FREQUENCIES

Call Sign: KNKM550 Radio Service: CD - Paging and Radiotelephone

88 Total Locations
 10 Locations per Summary Page Location:

[<<Previous] 1 2 3 4 5 6 7 8 9 [Next>>]

SC = Special Condition

Location	Transmitter Address	Latitude, Longitude	Status
23 - Fixed	221 NORTH GREENBUSH RD. TROY, NY RENSSELAER County	42-41-03.2 N, 073-41-18.4 W	
24 - Fixed	WESTLAKE, 2774 G TRAIL OF THE MANDRONES AUSTIN, TX TRAVIS County	30-19-23.7 N, 097-47-59.0 W	
25 - Fixed	901 BULL STREET COLUMBIA, SC RICHLAND County	34-00-06.5 N, 081-01-43.3 W	
26 - Fixed	HANCOCK TOWER BLDG., 200 CLARENDON ST. BOSTON, MA SUFFOLK County	42-20-55.3 N, 071-04-33.1 W	
27 - Fixed	1 CONSTITUTION AVENUE, RESERVE OFFICERS BUILDING WASHINGTON, DC	38-53-30.4 N, 077-00-19.9 W	
28 - Fixed	MT. VACA VACAVILLE, CA SOLANO County	38-24-50.6 N, 122-06-53.8 W	
29 - Fixed	SUNOL RIDGE NILES, CA ALAMEDA County	37-37-11.7 N, 121-55-20.8 W	
30 - Fixed	MT. DIABLO DANVILLE, CA CONTRA COSTA County	37-52-53.7 N, 121-55-08.8 W	
31 - Fixed	10700 COASTAL HWY. OCEAN CITY, MD WORCESTER County	38-25-41.4 N, 075-03-19.6 W	
32 - Fixed	RENAISSANCE CENTER DETROIT, MI WAYNE County	42-19-45.1 N, 083-02-24.7 W	

88 Total Locations
 10 Locations per Summary Page Location:

[<<Previous] 1 1 2 3 4 5 6 7 8 9 [Next>>]

g and Radiotelephone License - KNKM550 - SkyTel Corp.

[? HELP](#)

ocation 32

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MAIN		ADMIN		LOCATIONS		FREQUENCIES	
Call Sign	KNKM550	Radio Service	CD - Paging and Radiotelephone				
88 Total Locations		Location:		32 - DETROIT,MI		<input type="button" value="GO"/>	
Return to Locations Summary							
Location 32 (Fixed)							
▸ Frequencies (1)							
RENAISSANCE CENTER DETROIT, MI WAYNE County		Coordinates	42-19-45.1 N, 083-02-24.7 W				
Site Elevation (AMSL)	219.8m	Height w/o Appurtenances					
ASR #		Height w/ Appurtenances					
Site Structure							
Special Conditions	None						
Antenna 1							
HAAT		Hgt to Tip		Polarization	V - Vertical		
Azimuth	360.0°	Beamwidth	360.0°	Gain	6.0dB		

Paging and Radiotelephone License - KNKM550 - SkyTel Corp.

[? HELP](#)

License Frequencies Summary

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MAIN		ADMIN		LOCATIONS		FREQUENCIES	
Call Sign	KNKM550			Radio Service	CD - Paging and Radiotelephone		
1 Frequency for Location 32 20 Frequencies per Summary Page				Filter Frequencies By Location: 32 - DETROIT, MI <input type="button" value="GO"/>			
SC = Special Condition				Define View: General Buildout COSER Emission			
Frequency	Loc#	Ant#	Freq ID	Station Class	Output Power	Maximum ERP	
928.96250	32	1	1	FBBS		50.000	
1 Frequency for Location 32 20 Frequencies per Summary Page				Filter Frequencies By Location: 32 - DETROIT, MI <input type="button" value="GO"/>			

ULS Help	ULS Glossary - FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems	CORES/Call Sign Registration - ULS Online Filing - License Search - Application Search
About ULS	Privacy Statement - About ULS - ULS Home
Basic Search	By Call Sign <input type="text"/> = <input type="text"/> <input type="button" value="SUBMIT"/> <input type="button" value="RESET"/>

ing and Radiotelephone License - KNKM550 - SkyTel Corp.

Frequency 000928.96250

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MAIN ADMIN LOCATIONS FREQUENCIES

Call Sign	KNKM550	Radio Service	CD - Paging and Radiotelephone
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[Return to Frequencies Summary](#)

Frequency 000928.96250

Station Class	FBBS - Base	Maximum ERP	50.000
Output Power			

Radials

	0°	45°	90°	135°	180°	225°	270°	315°
Radiation Center HAAT								
Transmitting ERP								

Emissions

15K0F2D	FCC Admin Serial Number		Date Sent	
	IFRB Serial Number		Date into Register	
16K0F3E	FCC Admin Serial Number		Date Sent	
	IFRB Serial Number		Date into Register	
16K0F1D	FCC Admin Serial Number		Date Sent	
	IFRB Serial Number		Date into Register	

Buildout Dates

First Use		Deadline	04/01/1999	Notification	05/28/1998
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COSER

No COSER information on file

Points of Communication

Frequencies Summary

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MAIN ADMIN LOCATIONS **FREQUENCIES**

Call Sign: **KNKM550** Radio Service: **CD - Paging and Radiotelephone**
 134 Frequencies for all locations
 20 Frequencies per Summary Page
 Filter Frequencies By Location:

[<<Previous] 1 2 3 4 5 6 7 [Next>>]

SC = Special Condition Define View: **General** | [Buildout](#) | [COSER](#) | [Emission](#)

Frequency	Loc#	Ant#	Freq ID	Station Class	Output Power	Maximum ERP
72.68000	62	1	2	FXCT		111.000
72.80000	23	1	1	FBST		92.000
72.80000	23	1	2	FXCT		92.000
72.98000	74	1	1	FXCT		86.000
75.68000	103	1	1	FBST		72.000
75.68000	103	1	2	FXCT		72.000
470.03750	6	1	1	FXCT		211.000
482.11250	18	1	1	FXCT		232.000
482.11250	26	1	1	FXCT		397.000
928.86250	35	1	1	FXCT		50.000
928.86250	35	2	1	FBBS		50.000
928.96250	32	1	1	FBBS		50.000
931.93750	1	1	1	FBBS		741.000
931.93750	1	1	2	FBBS		741.000
931.93750	2	1	1	FBBS		682.000
931.93750	3	1	1	FBBS		741.000
931.93750	5	1	1	FBBS		508.000
931.93750	7	1	1	FBBS		741.000

Frequency 000928.96250

HELP

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MAIN		ADMIN		LOCATIONS		FREQUENCIES			
Call Sign	KNKM550			Radio Service	CD - Paging and Radiotelephone				
Return to Frequencies Summary									
Frequency 000928.96250									
Station Class	FBBS - Base			Maximum ERP	50.000				
Output Power									
Radials									
		0°	45°	90°	135°	180°	225°	270°	315°
Radiation Center HAAT									
Transmitting ERP									
Emissions									
15K0F2D	FCC Admin Serial Number			Date Sent					
	IFRB Serial Number			Date into Register					
16K0F3E	FCC Admin Serial Number			Date Sent					
	IFRB Serial Number			Date into Register					
16K0F1D	FCC Admin Serial Number			Date Sent					
	IFRB Serial Number			Date into Register					
Buildout Dates									
First Use		Deadline	04/01/1999	Notification	05/28/1998				
COSER									
No COSER information on file									
Points of Communication									
No Points of Communication									

Universal Licensing System

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License Paging and Radiotelephone License - KNKB517 - Teletouch Licenses, Inc. ? HEL

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MAIN		ADMIN		LOCATIONS		FREQUENCIES	
PA This license has pending applications: 0002019443							
Call Sign	KNKB517			Radio Service	CD - Paging and Radiotelephone		
Status	Active			Auth Type	Regular		
Dates							
Grant	06/21/1999			Expiration	04/01/2009		
Effective	02/11/2005			Cancellation			
Control Points							
2	1913 Deerbrook Drive, SMITH, Tyler, TX P: (903)595-8800						
Licensee							
Licensee ID	L00000768	FRN	0001661057	Type	Corporation		
SGIN	000		(View Ownership)				
Licensee							
Teletouch Licenses, Inc. 1913 Deerbrook Drive TYLER, TX 75703				P:(903)595-8815			
Contact							

[Form 601](#) [Applicant Information](#) [Contact Information](#) [Regulatory Status](#) [Alien Ownership Question](#) [Basic Qualification](#) [Signature](#) [Schedule D](#) [Schedule J](#)

FCC 601 Main Form	FCC Application for Wireless Telecommunications Bureau Radio Service Authorization	Approved by OMB 3060 - 0798 See instructions for public burden estimate Submitted 01/25/2005 at 12:11PM File Number: 0002019443
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1) Radio Service Code: CD	1a) Existing Radio Service Code:
2) Application Purpose: Modification	
3a) If this request is for a <u>D</u> evelopmental License, <u>D</u> emonstration License, or a <u>S</u> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter <u>N</u> (Not Applicable).	(<input type="radio"/> N) <input type="radio"/> D <input type="radio"/> M <input type="radio"/> S <input type="radio"/> N/A
3b) If this request is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(<input type="radio"/> Y) <input type="radio"/> N
4) If this request is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number:
5) If this request is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, Consolidate Call Signs, Duplicate License, or Administrative Update, enter the call sign of the existing FCC license.	Call Sign: KNKB517
6) If this request is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested	

Application Options: Transactions [Go] [?] Home

Transaction Date	Transaction Desc	Existing Value	Requested Value
01/03/05	Attachment added		
01/03/05	Attachment added		
01/25/05	Location 20, Antenna 1:Antenna Sequence Id deleted	1	1
01/25/05	Location 20, Antenna 1, Frequency 00928.91250:Assigned or lower frequency deleted	928.91250000	
01/25/05	Location 20, Antenna 1, Frequency 00928.91250, RADIAL 1: deleted	1	
01/25/05	Location 20, Antenna 1, Frequency 00928.91250, RADIAL 2: deleted	2	
01/25/05	Location 20, Antenna 1, Frequency 00928.91250, RADIAL 3: deleted	3	
01/25/05	Location 20, Antenna 1, Frequency 00928.91250, RADIAL 4: deleted	4	
01/25/05	Location 20, Antenna 1, Frequency 00928.91250, RADIAL 5: deleted	5	
01/25/05	Location 20, Antenna 1, Frequency 00928.91250, RADIAL 6: deleted	6	

Application Options: Go

? Home

Location of Technical Information in ULS

- **Microwave Business Industrial Pool
(MG Radio Service), Part 101**
- **Microwave Public Safety Pool
(MW Radio Service), Part 101**
- **Location information for transmit and receive sites including city, state, latitude and longitude is located under “Locations” tab.**
- **Frequency information including assigned frequency, emissions, and EIRP are located under “Path(s)” tab.**

Internal License Search

S License

Microwave Industrial/Business Pool License - WNEQ897 - Duke Energy Field Services, LP

HEL

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MAIN		ADMIN		LOCATIONS		PATHS	
Call Sign	WNEQ897			Radio Service	MG - Microwave Industrial/Business Pool		
Status	Active			Auth Type	Regular		
Dates							
Grant	08/24/2001			Expiration	09/12/2011		
Effective	05/31/2002			Cancellation			
Control Points							
1	5400 Westheimer Court, Houston, TX P: (713)627-5005						
Licensee							
Licensee ID SGIN	L00032855 000	FRN	0001609569 (View Ownership)	Type	Partnership		
Licensee							
Duke Energy Field Services, LP PO Box 1642 5400 Westheimer Crt Houston, TX 77251-1642 ATTN Communication Department Rm 3A-63				P:(713)627-5005 F:(713)627-5670 E:jjloup@duke-energy.com			
Contact							
Texas Eastern Transmission Corp. Richard D Soileau Sr.				P:(713)627-5229 F:(318)942-8386			

Universal Licensing System

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5 License ? HEL **Microwave Industrial/Business Pool License - WNTJ647 - Duke Energy Field Services LP**

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MAIN		ADMIN		LOCATIONS		PATHS	
Call Sign	WNTJ647			Radio Service	MG - Microwave Industrial/Business Pool		
Status	Active			Auth Type	Regular		
Dates							
Grant	08/24/2001			Expiration	09/13/2011		
Effective	08/24/2001			Cancellation			
Control Points							
None							
Licensee							
Licensee ID	L00032855	FRN	0001609569	Type	Partnership		
SGIN	000		(View Ownership)				
Licensee							
Duke Energy Field Services LP PO Box 1642 5400 Westheimer Court Houston, TX 77251				P:(713)627-5005 F:(713)627-5670			
Contact							
Duke Energy Field Services, Inc.				P:(713)627-5005			

Universal Licensing System

> [WTB](#) > [ULS](#) > [Online Systems](#) > License Search [FCC Site Map](#)

Microwave Industrial/Business Pool License - WNTJ647 - Duke Energy Field Services LP

[? HELP](#)

Locations Summary

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MAIN		ADMIN		LOCATIONS		PATHS	
Call Sign	WNTJ647	Radio Service	MG - Microwave Industrial/Business Pool				
1 Total Location							
10 Locations per Summary Page							
Fixed Transmit Location 1: STATION							
Transmit Location		Coordinates	31-51-19.4 N, 101-47-33.4 W				
18 MI SE 5 MI S INT HWY 158 .75 MI ON 32 & FM1379 OE RD MIDLAND, TX MIDLAND County							
Site Elevation (AMSL)	959.5m	Height w/o Appurtenances					
ASR #	9999999	Height w/ Appurtenances	148.7m				
Site Structure							
Special Conditions	None						
1 Total Location							
10 Locations per Summary Page							

Universal Licensing System

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[FCC Site Map](#)

Microwave Industrial/Business Pool License - WNTJ647 - Duke Energy Field Services LP

[? HELP](#)

Paths Summary

[New Search](#) [Return to Results](#) [Printable Page](#) [Reference Copy](#) [Map License](#)

MAIN		ADMIN		LOCATIONS		PATHS	
Call Sign	WNTJ647	Radio Service	MG - Microwave Industrial/Business Pool				
Transmitter	STATION	Coordinates	31-51-19.4 N , 101-47-33.4 W				
2 Total Paths				Path: 1		<input type="button" value="GO"/>	
Path 1 - Master-Remote							
Path Details		Rec. Call Sign					
Path Frequencies							
959.85625							
Path 2 - Remote-Master							
Path Details		Rec. Call Sign	WNTJ647				
Path Frequencies							
928.85625							
2 Total Paths				Path: 1		<input type="button" value="GO"/>	

Microwave Industrial/Business Pool License - WNTJ647 - Duke Energy Field Services LP

HELP

Path 1

[New Search](#) [Return to Results](#) [Printable Page](#) [Reference Copy](#) [Map License](#)

MAIN		ADMIN		LOCATIONS		PATHS	
Call Sign	WNTJ647			Radio Service	MG - Microwave Industrial/Business Pool		
2 Total Paths				Path: <input type="text" value="1"/> <input type="button" value="GO"/>			
Return to Paths Summary							
Path 1 - MR							
MAS/DEMS Sub-Type of Operation				Fixed Two-Way MAS			
Transmit Location: STATION							
Coordinates	31-51-19.4 N, 101-47-33.4 W			Elevation (AMSL)	959.5m		
Polarization	V - Vertical	Azimuth	360.0°	Elevation Angle			
Transmit Antenna							
Height	138.7m	Beamwidth	360.0°	Gain	11.2dBi		
Diversity Antenna							
Height		Beamwidth		Gain			
Periscope Reflector							
Height		Width		Separation			
Receiver Antenna							
Height	6.1m	Beamwidth		Gain	11.2dBi		
Diversity Antenna							
Height		Beamwidth		Gain			
Periscope Reflector							
Height		Width		Separation			
Geostationary Satellite Orbit							

Periscope Reflector

Height		Width		Separation	
--------	--	-------	--	------------	--

Geostationary Satellite Orbit

Does this filing add or modify emanations in the 5925-7075 MHz band pointed within 2 degrees of the Geostationary Satellite Arc, or in the 12700 - 13250 MHz band pointed within 1.5 degrees of the Geostationary Satellite Arc?
 If 'Yes', answer questions 20a, b and c below and attach waiver request explaining circumstances.

1 Frequencies

Frequency (MHz)	Tolerance	EIRP	ATPC	Emission Designators
1 959.85625	0.00015%	42.2dBm		12K0F7W Digital Modulation Rate: Digital Modulation Rate Type:

▶ [Buildout Dates](#) | [COSER/IRAC](#)

ULS Help	ULS Glossary - FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems	CORES/Call Sign Registration - ULS Online Filing - License Search - Application Search
About ULS	Privacy Statement - About ULS - ULS Home
Basic Search	By Call Sign <input type="text"/> = <input type="text"/> <input type="button" value="SUBMIT"/> <input type="button" value="RESET"/>

Contact Information for help with ULS

- ULS Help Button -> 
- “Getting Started” Information available at the ULS Home Page
 - <http://wireless.fcc.gov/uls/>
- ULS Customer License Support Hotline: (877) 480-3201 or esupport@fcc.gov
 - Follow the options menu
 - You can obtain assistance with:
 - Searching for applications to obtain status information
 - Searching licensing information

Want to search for licenses of any radio service code based on combinations of general license attributes?

➔ [Advanced License Search](#)

Advanced License Search includes:
 Licensee State, ZIP, and Name
 Expiration Dates (Grant, Last Action, etc)
 License Status
 Radio Service Code
 and more...

[Geographic](#)
 Search by Coordinates, County/State and more!

Want to search within a service using criteria relevant to that specific service?

- ➔ [Aircraft](#)
- ➔ [Amateur](#)
Vanity Call Signs, Operator Class, and more!
- ➔ [Commercial/Restricted Permits](#)
Operator Class, COLEM, and more!
- ➔ [GMRS](#)
- ➔ [Ship](#)
MMSI#, Ship Name, and more!
- ➔ [MDS/ITFS](#)

Want to search for licenses in given markets?

➔ [Market Based](#)
 Search by auction number, frequency range, markets, and more!

ULS Help	ULS Glossary - FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems	CORES/Call Sign Registration - ULS Online Filing - License Search - Application Search
About ULS	Privacy Statement - About ULS - ULS Home
Basic Search	<input type="text" value="By Call Sign"/> = <input type="text"/> <input type="button" value="SUBMIT"/> <input type="button" value="RESET"/>

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Welcome to Help & Support



[Find Support by Topic](#)

Get quick answers to common questions in our FAQs, help files, step-by-step instructions and other website content, organized by topic.



[Online Help](#)

[Submit an online help request to FCC Support](#). You will receive a tracking number that you can use to check the status of your request. In addition, you may [reset your FCC Registration Number \(FRN\) password](#).



[Contact FCC Support](#)

We encourage all of our visitors to browse [Support by Topic](#) prior to contacting the FCC. If you can not find your answer on the website, contact FCC support online or by phone.

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- [Resetting passwords](#)
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- [Apply for a new license](#)
- [Renew an existing license](#)
- [Update an existing license](#)
- [Associate a call sign with an FRN](#)
- [Request a vanity call sign](#)
- [Assign authorization of a license](#)
- [Notify of completion of construction](#)

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Support by Topic

Find answers to common questions in our FAQs, help files, and other website content organized by topic.

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- ▶ [CORES FAQs](#)

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- ▶ [Vanity Call Signs](#)
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- ▶ [Finding ownership info](#)

Related Sites

[FCC Forms](#)

Support

FCC > WTB > Support > Online Help > Submit Help Request

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Search:
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Approved by OMB
[Control Number 3060-1042](#)

Submit Help Request

All fields are required to submit your request, unless otherwise noted.

Your Contact Information

Name	First <input type="text"/>	Last <input type="text"/>
Email Address	<input type="text"/>	
Phone - U.S.	<input type="text"/> - <input type="text"/> - <input type="text"/>	<input type="text"/> ext. (optional)
Phone - International (if applicable)	<input type="text"/>	

Your Problem or Issue

Subject	<input type="text"/>
Problem Description (include the FRN(s), call sign(s), application purpose and/or license type as applicable)	<input type="text"/>
FCC System (optional)	<input type="text"/>
Radio Service (optional)	<input type="text"/>

Your Computer

Operating System (optional)	<input type="text"/>
-----------------------------	----------------------

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Address: <http://esupport.fcc.gov/contact.htm> Go Links >>

FCC Federal Communications Commission

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Contact FCC Support

We encourage all of our visitors to browse [Support by Topic](#) prior to contacting the FCC.

[Submit eSupport Request](#)

Phone: (877) 480-3201

TTY: (717) 338-2824

Hours: Monday-Friday: 8:00 a.m. - 7:00 p.m. ET
(except Federal holidays)

Last reviewed/updated on 11/22/2004.

Related Sites

- [Forms](#)

Internet

FCC Support - Microsoft Internet Explorer

Address: http://esupport.fcc.gov/index.htm

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10:53 AM

Welcome to Help & Support

Find Support by Topic
Get quick answers to common questions in our FAQs, help files, step-by-step instructions and other website content, organized by topic.

Online Help
Submit an online help request to FCC Support. You will receive a tracking number that you can use to check the status of your request. In addition, you may reset your FCC Registration Number (FRN) password.

Contact FCC Support
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- Submitting application fees

Common Filing Tasks

- Obtain an FRN
- Apply for a new license
- Renew an existing license
- Update an existing license
- Associate a call sign with an FRN
- Request a vanity call sign
- Assign authorization of a license
- Notify of completion of construction

FCC Support - Support by Topic - Microsoft Internet Explorer

Address: http://esupport.fcc.gov/topics.htm

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Support by Topic

Find answers to common questions in our FAQs, help files, and other website content organized by topic.

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- Obtaining an FRN through the Commission Registration System (CORES)
- CORES FAQs

Amateurs

- Changing an Address
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- Downloading forms
- ULS Forms
- Filing electronically instead

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FCC Support - Submit a Help Request - Microsoft Internet Explorer

Address: http://esupport.fcc.gov/request.htm

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Submit Help Request

Approved by OMB Control Number 3050-1042

All fields are required to submit your request, unless otherwise noted.

Your Contact Information

Name: First Last

Email Address:

Phone - U.S.: ext. (optional)

Phone - International (if applicable):

Your Problem or Issue

Subject:

Problem Description (include the FRN(s) and sign(s), application purpose and/or license type as applicable):

FCC System (optional):

Radio Service (optional):

Your Computer

Done

FCC Support - Contact FCC Support - Microsoft Internet Explorer

Address: http://esupport.fcc.gov/contact.htm

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[Submit a Support Request](#)

Phone: (877) 480-9201

TTY: (717) 338-2824

Hours: Monday-Friday: 8:00 a.m. - 7:00 p.m. ET (except Federal holidays)

Last reviewed/updated on 11/22/2004

**All Bidders encouraged to
verify information by physically
inspecting sites**

Pending Items

- **Pending applications can be researched using the Universal Licensing System(ULS)**
- **Copies and research of pending items can be obtained through Commission's Copy Contractor:**
- **Best Copy & Printing, Inc.**
- **Portals II**
445 12th Street, S.W.
Room CY-B402
Washington, DC 20554
Phone: 202-488-5300, (800) 378-3160
Fax: 202-488-5563
Email: fcc@bcpweb.com